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NEW MEXICO OIL CONSERVATION COMMISSION

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Santa Fe, New Mexico	
	RECEIVED
WELL RECORD	APR 2 7 1951
nservation Commission, Santa Fe, N than twenty days after completion of	CH. DINCENATION COMMISSION

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Mail to Oil Con agent not more t in the Bules and Regulations of the Commission. Indicate exectionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES LOCATE WELL CORRECTLY

	T	The Ohio Oil Company						L. G. Warlick "C"			
_		v	Vell No	Company 7	or Operator in_ ST/) 1,	SE/Lof Sec	15	, т	215		
R. 37E	, N. M.	Р. М.,	are		Field, _	Ica					
Well is	4875 feel	t south of the	North li	ne and	2310 feet	west of the Eas	t line of	Sec. 1	5-21-37		
If State l	land the oil a	nd gas lease i	s No		Assigne	ment No					
If patent	ted land the	owner is	L. G.	Warlick	et al	, Addre	ss_Emic	s, New M	erice		
If Gover	nment land t	he permittee	is	- <u>.</u>		, Addre	ss				
The Less	see is Th	• Ohio 011	Compa	w .		, Addre	ss_Hobbs	New Ne	rice		
Drilling	commenced	February 1	3,	19 ≶	Drilling	g was completed_	April	5,	19 51		
Name of	drilling con	tractor	Two S	States D	cilling C	9. Addre	ss Dell	<u>15, Texa</u>			
Elevation	n above sea l	evel at top of	f casing_	3428	feet.						
The info	rmation giver	a is to be kep	t confider	ntial until _					19		
				OIL SAN	DS OR ZO	NES					
No. 1, fr	om	t	0		No. 4, fr	'om	to	·			
No. 2, fre	om	te	0		No. 5, fr		to				
No. 3, fr	0 m	te	0		No. 6, fi		to				
			I	IMPORTAN	T WATER	SANDS					
Include d	data on rate	of water infl	ow and e	levation to	which water	rose in hole.					
No. 1, f	rom			to	i	fe	et				
No. 2, fr	rom			to		fe	ət				
No. 3, fr	rom			tò		fe	ət				
No. 4, fi	ro m			to		fe	ət		••••••••••••••••••••••••••••••••••••••		
				CASIN	NG RECORI)					
SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERF(FROM	ORATED TO	PURPOSE		
13-3/8	48	8 R	Smls	291' 8	3.						
8-5/8	32	8 R	Suls	2811 9	" Baker						
5-1/2	17	8 R	Sals	76931 1	P1		7430	7640	productio		
								1	p+ v+ u+ u+ u		

MUDDING AND CEMENTING RECORD

SIZE OF SIL HOLE CA	IZE OF ASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
171 17	3-3/8	305	300	HOWCO		· · · · · ·
11 8	3-5/8	2802	1300			
7-7/8 5	5-1/2	7688	1000	Ħ		
	2-3/8	7666	terpedoed	end		·

	Material		Size			
		RECORD OF SH				
SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED
			-			
	1					
Res ayu of	\$#####################################	₩###/#################################	Well fle	md 138.2	, bbls. in 24	hrs. thru 15/
		*				
		RECORD OF	DRILL-STEM A	AND SPECIA	L TESTS	
If drill-stem	a or other speci	al tests or deviation	surveys were n	nade, submit	report on separate	sheet and attach he
			TOOLS US	ED		
Rotary tools	s were used from	n surface fee	t to T.D. 760	feet. and	l from	feet to
		1feet				
Cable tools	were used from				I Irom	_feet to
			PRODUCTI	ON		
Put to prod	ucing	pril 16,	,19 51			
The product	tion of the firs	t 24 hours was_13	3.24 barr	els of fluid of	which 100	.% was oil;
emulsion;	%	water; and	% sediment.	Gravity, Be	44.9 @ 60)
If gas well,	cu. ft. per 24 h	ours	Gall	ons gasoline	per 1,000 cu. ft. o	f gas_
		in			GOR 960	
Rock pressu						.
Rock pressu			FMDLOVE	ES		
	71		EMPLOYE			
С. н			, Driller	J. N.		j
С. н			, Driller	J. N.		j
С. н			, Driller	J. N.		Ž
С. Н J. D	. Oʻibsoh	FORMATIC	, Driller , Driller ON RECORD C	J. H.	SIDE	, , Dri
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My Commission Expires August 19, 1951 My Commission expires

Address	P.	0.	Box	1607,	Hobbs,	New	Mexico

FORMATION RECORD

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FROM	то	THICKNESS IN FEET	RMATION RECORD	FORMATION			
0	1221	1221	Surface Sand, Calich	s, Red Beds.			
1221	1485	264	Ankydrite.				
1485	2471	986	Salt.				
2471	6642	4171	Anhydrite, Dolozite and Shale.				
6642	7446	804	Dolomite and Lime.				
7446	7685	239	Sand				
7685	7690	5	Line				
1905	1070	,					
			DEVIATION SURVEY				
			Depth Taken	Degrees off Vertical			
			650 850	1/4			
			1520	1/4 1/4 1-1 3/4			
			1520 1750 2549	1			
			3125 3755	1/4			
			4000 11528	1/2 1/4			
			4700 5265 5475	1/4 1/4 1-1/4			
			5475 5795	1-3/4			
			6100	1-3/4			
			6843	1-1/4			
			6100 6488 6843 7150 7319 7550 7645	1-3/4 2 1-1/4 2 1-1/2 1-3/4 1-3/4			
			7645	1-3/4			
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L. G. Warlick "C" Well No. 7 - Hare Pool

Core #1, coring in Lime and Shale, from 7400' to 7414', cored 14'. Recovered 11' in $11\frac{1}{2}$ hrs. $(2\frac{1}{2})$ hard black shale 7400' - 7402 $\frac{1}{2}$; (1') hard dark green shale 7402 $\frac{1}{2}$ ' - 03 $\frac{1}{2}$ '; (7') hard dense grey limestone, 7403 $\frac{1}{2}$ ' - 10 $\frac{1}{2}$ '; (1/2') soft earthy limestone 7410 $\frac{1}{2}$ ' -(11') all barren no shows.

Core #2, from 7414' - 7463', cored 49' in 29 hrs. 57 min. Recovered 49'. 7414' - 17' (3') shaly detrital limestone; 7417' - 24' (7') hard brown limy shale; 7424' - 26 $\frac{1}{2}$ ' ($2\frac{1}{2}$ ') shaly detrital limestone; 7426 $\frac{1}{2}$ ' - 31 $\frac{1}{2}$ ' (5') hard limy green & brown shale; 7431 $\frac{1}{2}$ ' - 34' ($2\frac{1}{2}$ ') shaly grey limestone; 7434' - 40' (6') sandy grey and green shale; 7440' - 44' (4') very fine limy sand, good odor & good oil stain; 7444' - 51 $\frac{1}{2}$ ' ($7\frac{1}{2}$ ') hard limy green shale, no shows; 7451 $\frac{1}{2}$ ' - 63' ($11\frac{1}{2}$ ') very fine limy sand, goododor and good oil stain.

Core #3, from 7464! to 7487!, cored 23'. Recovered 13'. 7464! -67! (3') fine sand good odor, good oil stain slightly bleeding oil; 7467! - 7469! (2') hard green shale; 7469! - 7471! (2') very fine shale light green sand fair odor good oil stain; 7471! - 7473! (2') hard green shale. 7473! - 7476! (3') very gummy soft green shale. 7476! - 7477! (1') hard dense limy sand no odor no stain. 7477! - 7487 no recovery lost core.

Core #4, 7487' to 7511' cored 24' in 16 hrs. 22 min. Recovered 15'. 7487' - $88\frac{1}{2}$ ' (1 $\frac{1}{2}$ ') sand w/shale partings; 7488 $\frac{1}{2}$ ' - 91 $\frac{1}{2}$ ' shale barren; 7491' - 92 $\frac{1}{2}$ '(1 $\frac{1}{2}$ ') sand barren. 7492 $\frac{1}{2}$ ' - 93' ($\frac{1}{2}$ ') shalebarren. 7493' - 7502' (9') sand & sandy shalebarren, slight orod in bottom 6". 7502' - 7511' (9') not recovered.

Core #5 coring in McKee Sand from 7512' - 7539'. Cored 27' in 15 hrs. 10 min. Recovered 9'. 7512' - 7518-3/4' (6-3/4') hard green shale. 7518-3/4' - 7520-3/4' (2') soft gummy green shale. 7520-3/4' - 7521' (1/4') hard light green sand.

Core #6, coring in Simpson formation from 7539' to 7557'. Cored 18' in 16 hrs. txx 55 min. Recovered 18'. 7539' - 7551' (12') very hard green shale. 7551' - 755 $4\frac{1}{2}$ ' ($3\frac{1}{2}$ ') very shaly fine grey green sand apparently barren. 755 $4\frac{1}{2}$ ' - 7557'($\frac{1}{2}$ ') sandy hard green shale apparently barren.

Core #7, coring in Simpson formation from 7559' to 7571' cored 12' in 6 hrs. 33 min. Recovered 12'. 7559' - 7564' (5') hard shaly sand slight odor. 7564' - 7568-3/4' (4-3/4!)hard green shale. 7568-3/4' - 7570-3/4' (2') soft gummy green shale. 7570-3/4' - 7571' (1/4') hard dark grey shaly lime.

Core #8, coring in Simpson from 7572' to 7577'. Cored 5' recovered 5'. 7572' - 7575' (3') hard very sandy dark grey. 7575' - 7577' (2') soft gummy green shale.

Core #9, coring from 7598' to 7615'. Cored 17' in $11\frac{1}{2}$ hrs. Recovered 12'. 7598' - 7601' (3') hard grey sand good odor good oil stain. 7601' - 7606' (5') hard green shale. 7606' - 7608' (2') very hard green shale; 7608' - 7610' (2') soft gummy green shale.

Core #10, coring in Simpson from 7615' to 7625'. Cored 10' in 8 hrs. 45 min. Recovered 10'. 7615' 7618¹/₂' (3¹/₂') hard green shale. 7618¹/₂' - 7620¹/₂' (2') very hard tight sand, good odor good stain. 7620¹/₂' - 7625' (4¹/₂') hard tight sand very good stain slightly bleeding oil & gas. للجاف من برانه بلادها الاستنبار المعتملية جامع المحافية المكتمة من الكلم من المعتملية المن المن المن المن الم هذا المالية (1994 من برانية المعنية المعنية من المعافة الإسلام في من برانية (1994 من معافة المعادية محد ومحمو برانية (1994 من محلة المعنية (1995 من 1994 من محلة المعافة (1995 في 1995 من 1996 من 1996 من 1996 من 1996 من

الدار من الاستان با السرونيات المحادث المحال الله على على على حد مايد. الأولى موجود مع الها: الما ما الألا (ي) المحادث المدليات المان ممورات في ما ما الألي من المحاد الكان المحاد الكان المعاقين الما المحال الأربال المعلم المحادث المدليات في معدد الإلاي المحادث الثان في ومعاد الكان المحلف المحاد المحلف المحادث المحلف المحلف المحلول المحلول المحلف الألية المحلف الألية المحلف المحلف المحاد المحلف المحاد المحلول المحلف المحلول المحلول المحلول المحلف المحلف المحلف المحلف المحلول المحلف المحلول المحلول المحلول المحلول المحلول المحلول المحلول المحلف المحلول المحلف المحلول المحلول

ئىمىسى پائىمەردى دەردە بىكلار مەھەر بىلا ، ئە**پەرەيەر بىلا ، ئەپەرەپە**ت ، ئېچىلا ، ئېچىلا ، ئېرى مەمەر خىرى . يې مەمەرىپ ئېچى مەردى دەردە بىلەر تەمەر ئەرچەر ئىلىغۇر ئەپەرەپەت يېزىلا ، مەردە ئېچىلا ، ئەردە مەلەر خىرى ئېرىلا ، بېلاركە ئېلى ، ئەردى دەردى ئېچىلەر ئېڭلار ئەھەبە تېتىلە ئېچىلەر ئېچى ئېچىلا ، ئەردە ، ئەردى ئەردىيەر - بېزىركە ئېڭلەر ئىلە ، ئەردى ئەتلى بىلەر ئېچىلەر ئېڭلار ئېڭلەر ، ئەھەبە ئەردى ئېچى ئەردە ، ئەردە ، ئەردى ئېچىلى - بېزىركە ئېڭلەر ئىلە ، ئەردى ئەتلى بىلەر ئېچىلەر ئەردى ئەلەر ئېڭلەر ، ئەردى ئېچى ئەردە ، ئەردە ، ئەردى ئېچىلەر - بېزىركە ئېچىلەر ، ئەردى ئەتلى ، ئەلەر ئىلەر ئىلەر ئېچىلەر ، ئېچىلەر ، ئەردى ئېچى ئەردە ، ئەردە ، ئېچىلەر ئېچى

المعلام ومن جوانة المحادث المعلام المستقلة على المعلام، 20 هذه، المعلام ومعهو على 2. الأراف المحاد الأستسب المعلمان منها كالمعارة المحادثة في معهد ومعلوم ومن المحادث المحادث المعاد معادمات. المعلام في معادي الرفي المعلم معهوم، الألهان حالية أنه (13) على عالمات من معهد والمعاد المحادث المعاد المعاد ال من الالمة المعادي الرفي الرؤيسة في منه التاك تحتيم معاد من من معهد والمعاد المحادث المحادث المعاد المعاد المعاد

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L. G. Warlick "C" Well No. 7 - Hare Pool

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Core #11, coring from 7625' to 7631'. Cored 6' recovered 6' medium grain hard grey sand very good odor good stain.

Core #12, coring from 7631' to 7642', cored 11'. Recovered 11'. 7631' - 7632' (1') clean grey sand very good odor. 7632' - 763 $\frac{1}{2}$ ' (2 $\frac{1}{2}$ ') sandy green shale fair odor slight oil stain. 7634 $\frac{1}{2}$ ' - 7642' (7 $\frac{1}{2}$ ') clean grey sand very good odor good oil stain.

Core #13, coring from 7642' to 7647', cored 5'. Recovered $4\frac{1}{2}$ '. 7642' - 7644 $\frac{1}{2}$ ' (2 $\frac{1}{2}$ ') medium to coarse hard grey sand very good odor good stain good fluorescence. 7644 $\frac{1}{2}$ ' 7646 $\frac{1}{2}$ ' fine grain hard grey sand slight orod good stain.

DST #1 testing from 7402' to 7572', tool open 4 hrs. 20 min. 5/8" BHC and 1" top choke. Recovered 1000' water blanket plus 5300' oil.

DST #2 testing from 7572' to 7650', packer failed to hold, no test.

DST #3 testing from 7559' to 7650' packer failed to hold, no test.

DST #4 testing from 7593' to 7650' tool open 5 hrs. 20 min. Gas to surface in 70 min. no fluid to surface. Recovered 1000' water blanket plus 5200' of clean oil. Flwg. pressure 1625#, 10 min. shut in 2450#, hydrostatic press. 3850#. 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

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